



Benicia Refinery • Valero Refining Company - California

3400 East Second Street • Benicia, California 94510-1097 • Telephone (707) 745-7011 • Facsimile (707) 745-7339

February 2, 2015

2014 Annual Export Report
Valero Refining Company – CA
Benicia Refinery CAD 063001770

Office of Enforcement and Compliance Assurance
Office of Federal Activities
International Compliance Assurance Division (2254A)
Environmental Protection Agency
1200 Pennsylvania Avenue
Washington, DC 20460

Department of Toxic Substances Control
Hazardous Waste Management Program
Statewide Compliance Division
Post Office Box 806
Sacramento, CA 95812-0806

Pursuant to 40 CFR 262.56, 262.87 and California Title 22 CCR 66262.56, Valero hereby submits this annual export notification report for hazardous wastes shipped from the Valero Benicia Refinery to facilities outside of the United States in 2014.

Generator of Exported Waste:

EPA ID # CAD 063001770
Valero Refining Company – California
3400 East Second Street
Benicia, California 94510

Calendar Year Covered by Report: 2014

Name and Site Address of Each Consignee:

**Union Corporation - #548, Okmyoung-ri,
Daesong-myon, Nam-gu,
Pohang City, Kyungsanbuk-do, South Korea**

A total of 95,880 pounds of spent hydrotreating catalyst (K171) was exported from the Valero Benicia Refinery by OmniVision International, Inc in April, 2014 to the Union



Corporation facility in South Korea for metals reclamation. The transporter of this material from the Benicia Refinery to the Port of Oakland was ENV Environmental International Inc (CAR000179382). The OECD waste code is B1120. The DOT shipping name for this spent catalyst is:

UN3190, Waste self-heating solid, inorganic, N.O.S. (Spent Hydrotreating Catalyst), 4.2, PG III, (K171)RQ

GS Ecometal Co., LTD
75-34, Hwasan 1-gil, Onsan-eup, Ulju-gun,
Ulsan City, South Korea

A total of 557,332 pounds of spent hydrotreating catalyst (K171) was exported from the Valero Benicia Refinery by OmniVision International, Inc in October, 2014 to the GS Ecometal facility in South Korea for metals reclamation. The transporters of this material from the Benicia Refinery to the Port of Oakland were ENV Environmental International Inc (CAR000179382) and Roadex Cy Inc (CAD008388506). The OECD waste code is B1120. The DOT shipping name for this spent catalyst is:

UN3190, Waste self-heating solid, inorganic, N.O.S. (Spent Hydrotreating Catalyst), 4.2, PG III, (K171)RQ

Waste Minimization Efforts:

Catalysts used in refinery processes are selected to maximize the efficiency of the catalyst and to minimize the amount of waste catalyst that is generated. Catalysts that have a longer service life are used when practicable. Where feasible, regenerated catalysts are used which minimizes the amount of catalyst that must be disposed of in a landfill. Valero routinely monitors developing catalyst technologies for opportunities to reduce the amounts of catalyst required or to increase the service life of the material. Where economically practical, spent catalyst is shipped to a metals reclamation facility where valuable metals are recovered.

Major refinery maintenance turnarounds occur about every four to five years and provide an opportunity to remove certain wastes such as spent catalysts and sludge from processing units. Some catalysts are also generated during mid-cycle minor turnarounds that occur more frequently. Due to the episodic nature of catalyst generation, there is a high degree of variability from year to year making it difficult to compare annual waste volumes to identify meaningful trends.

Certification of Primary Exporter:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine or imprisonment."

 1/30/2015

Don W. Cuffel Date
Environmental Engineering Manager

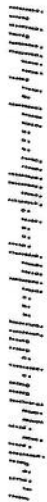
Please contact me at 707-745-7660 if you have any questions or need further information.

Regards,



John A. Lazorik
Sr. Staff Environmental Engineer

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VALERO
BENICIA REFINERY

400 East Second Street • Benicia, California 94510-1005



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